Concept Pro

CVP9324LL

Low Light Colour Dome Camera

USER MANUAL

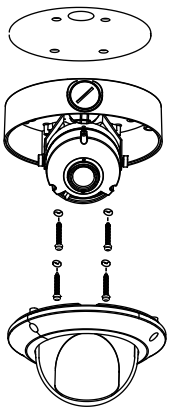
CAUTION

1. This installation should be made by a qualified service person and should abide to all local codes.
2. Avoid installation on a surface subjected to frequent vibration or shocks.
3. Do not operate the camera beyond its temperature range or power source ratings.
4. Should any damage or suspected damage occur, shutdown the power source, unplug and contact your service provider.
5. Do not install the camera under unstable lighting conditions. Severe lighting change or flicker can cause the camera to work improperly.
6. Never use the camera close to a gas or oil leak.
7. Do not disassemble the camera.
8. Never keep the camera face to strong light directly, this can damage the CCD.
9. Ensure all removable covers are replaced to protect the inner components.
10. Do not install near devices which emit a strong electro-magnetic field.
11. Use a dry or damp cloth only for cleaning.

PLEASE FOLLOW THE ABOVE CAUTIONS – FAILURE TO DO SO MAY INVALIDATE THE WARRANTY OR CAUSE SERIOUS INJURY.

Remark: Changes or modifications not expressly approved by the manufacturer can cause the camera to be damaged and become inoperable. This may invalidate the user warranty.

FIXING TO A WALL



Important: Ensure all cautionary procedures are observed during installation.

It is recommended the camera is tested during the most demanding environmental conditions such as low light or bright sunlight to ensure continuity of effective CCTV monitoring.

- Remove the camera unit carefully from the box reserving the accessory contents in a safe place
- Use the supplied mounting template to mark the space for drilling
- Remove the dome cover using the supplied dome cover screwdriver
- Attach the weatherproof sealing pad to the base of the dome with the sticky side against the camera
- Using the supplied fitting screws, securely attach the camera to the drilled surface
  Please note: To ensure correct weatherproof you must use the enclosed fitting screws and weatherproof washers
- Adjust the tri-axis gimbal zoom/focus to give the required image of the area to be monitored.
- Replace the dome cover and tighten the dome cover screws using the supplied dome cover screw driver
- Carefully clean the dome surface with a soft lint free cloth

PACKING CONTENTS

Wall Plugs
X4

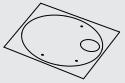
Conduet hole cover opener
X1

Fitting Screws
X4

Dome cover screwdriver
X1

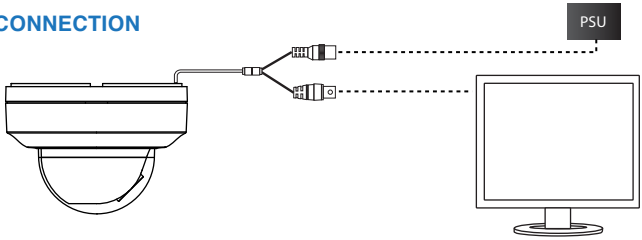
Weatherproof sealing pad
X1

Weatherproof sealing washers
X8



Mounting Template
X1

CONNECTION

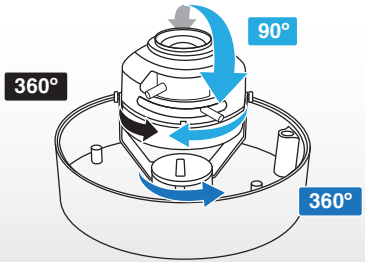


- Connect the video out port to your video cable running to the monitor / recorder
- Check the power supply is of the correct level and connect your power supply into the power port on the Camera.
- View the picture on a monitoring device to check the power and video connection is working properly.

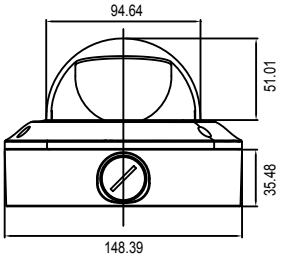
Troubleshooting

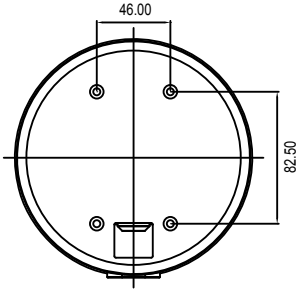
- Ensure all power and cable connections are correct with the Camera and DVR.
- If all power and cable connections are correct and the camera picture can not be produced then contact your supplier for technical support.

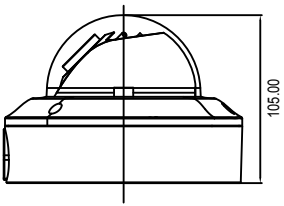
Tri-Axis Gimbal



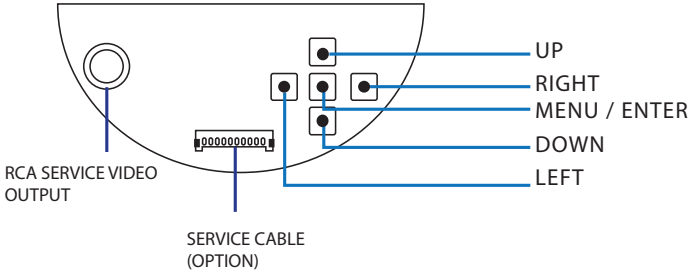
DIMENSIONS



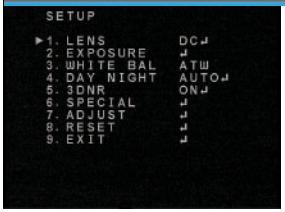




OSD Controller

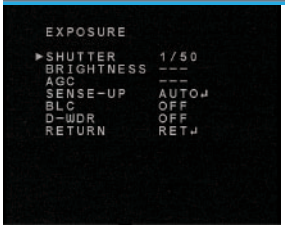


LENS



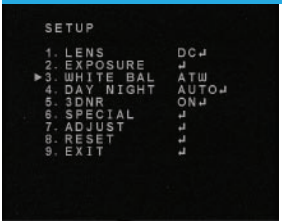
MANUAL		
DC	BRIGHTNESS	0 ~ 100
RETURN		

EXPOSURE



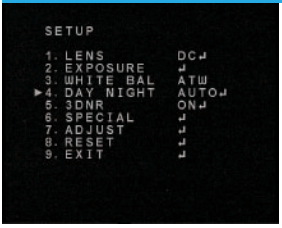
SHUTTER	AUTO, FLK, 1/100000 ~ X256		
BRIGHTNESS	0 - 100		
AGC	OFF / LOW / MIDDLE / HIGH		
SENSE UP	OFF		
	AUTO	X2 ~ X256	
BLC	OFF		
	BLC	DEFAULT	
		LEFT / RIGHT	0~7
		WIDTH	
		TOP / BOTTOM	
		HEIGHT	
		RETURN	
	HSBLC	DEFAULT	
		LEFT / RIGHT	
		WIDTH	
		TOP / BOTTOM	
		HEIGHT	
		RETURN	
D-WDR	OFF / INDOOR / OUTDOOR		
RETURN			

WHITE BALANCE



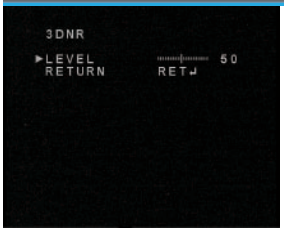
AWB		
AWC➔SET		
MANUAL	BLUE	0~100
	RED	0~100
	RETURN	
INDOOR		
OUTDOOR		
ATW		

DAY NIGHT



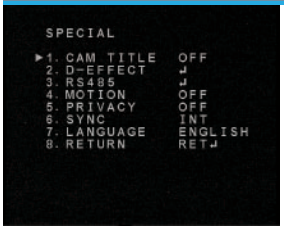
AUTO	DELAY	0 - 63
	S-LEVEL	0- 100
	E-LEVEL	0 - 100
	RETURN	
EXT		
B/W	BURST	OFF / ON
COLOUR		
RETURN		

3DNR



OFF		
ON	LEVEL	0-100
	RETURN	
RETURN		

SPECIAL

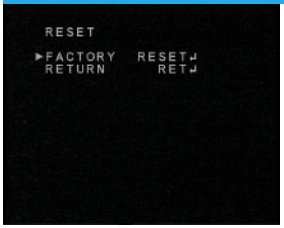


CAM TITLE			OFF / ON	
D-EFFECT	FREEZE		OFF / ON	
	MIRROR		OFF / MIRROR / V-FLIP / ROTATE	
	D-ZOOM		OFF	
		ON	D-ZOOM	X1.0 ~ 32.0
			PAN	
			TILT	
			RETURN	
	GAMMA			
	NEG.IMAGE			
	RETURN			
RS485	CAM ID		1 ~ 255	
	ID DISPLAY		OFF/ON	
	BAUDRATE		2400 ~ 57600	
	RETURN			
MOTION	OFF			
	ON		AREA SELECT	1 ~4
			AREA DISPLAY	OFF/ON
			LEFT/RIGHT	0 ~ 100
			WIDTH	0 ~ 100
			TOP/BOTTOM	0 ~ 100
			HEIGHT	0 ~ 100
			SENSITIVITY	0 ~ 40
			MOTION VIEW	OFF/ON
PRIVACY	OFF			
	ON	AREA SELECT	AREA 1 - AREA 8	
		AREA DISPLAY	ON / OFF	
		LEFT/RIGHT		
		WIDTH		
		TOP/BOTTOM		
		HEIGHT		
		COLOR		
		RETURN		
LANGUAGE	ENGLISH/JAPANESE/SIMPLIFIED CHINESE/ TRADITIONAL CHINESE			
RETURN				

ADJUST

SHARPNESS	0 - 31
BLUE	0 - 100
RED	0 - 100
RETURN	

RESET



FACTORY	
RETURN	

SPECIFICATION

Model	CVP9324LL
Image Sensor	1/3" sony SUPER HAD II CCD
Signal system	PAL/NTSC
Effective pixel	PAL: 752(H)*582(V) NTSC: 768(H)*494(V)
Resolution	600TV Lines
Min. illmination	0.1 Lux/F1.2 0.0002lux(Sesen up x 256)
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	Auto/Manual/Colour/B/W selectable
S/N Ratio	more than 50dB(AGC Off)
IR LED	N/A
Control Method	OSD
ES	"AUTO / MANUAL X256 ~1/50-1/150,000sec(PAL) Sens-up and Sens-up Limit is selectable"
White Balance	ATW
AGC	0-34dB(OSD Adjustable)
BLC	Auto
DNR	3D DNR
Dynamic Range	Digital WDR
Digital Zoom	32X.Max
Privacy Masking Function	8 Zones
Motion Dection	4 Zones
Sync. Mode	Internal/Line lock
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	1.6W MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimension	148.35x105 (DxH)
Weight	950g

Design and specification are subject to change without notice.

CONCEPT PRO DOME CAMERA RANGE

INTERNAL DOME CAMERAS

CBP3212	480TVL, 0.3 Lux, 3.6mm Lens. 90(ø)x62mm
CBP5112	420TVL, 0.3 Lux, 3.6mm Lens, 128(ø)x93mm
CBP5212	480TVL, 0.3 Lux, 3.6mm Lens, 128(ø)x93mm
CBP4304	420TVL, 0.3 Lux, 4mm Lens, 148(ø)x106mm
CBP5314	650TVL, 0.03Lux, 4mm Lens, 148(ø)x106mm
CBP4324	420TVL, 0.3 Lux, 4-9mm Lens,148(ø)x106mm
CBP6324	650TVL, 0.03Lux 2.8-10mm Lens, 148(ø)x106mm
CBP6324-B	650TVL, 0.03 Lux, 2.8-10mm Lens, 148(ø)x106mm, Black casing
CBP6324DN	650TVL, 0.03 Lux, 2.8-10mm, Day Night, 148(ø)x106mm
CBP6324WDR	690TVL, 0.01 Lux, 2.8-10mm Lens, Day Night, Wide Dynamic Range,148(ø)x106mm

VANDAL RESISTANT DOME CAMERAS

CVP9304	420TVL, 0.3 Lux, 4mm Lens, 148.35(ø)x105mm
CVP9314	650TVL, 0.03Lux, 4mm Lens, 148.35(ø)x105mm
CVP9324	650TVL, 0.03Lux 2.8-10mm Lens, 148.35(ø)x105mm
CVP9324DN	650TVL, 0.03 Lux, 2.8-10mm, Day Night, 148.35(ø)x105mm
CVP9324LL	600TVL, 0.0002 Lux (DSS/Sens Up on) 2.8-10mm Lens, 148.35(ø)x105mm
CVP9324WDR	690TVL, 0.01 Lux, 2.8-10mm Lens, Day Night, Wide Dynamic Range, 148.35(ø)x105mm

INFRARED DOME RANGE

CBP6314DNIR	600TVL, 4mm Lens, IR LED, 148(ø)x106mm
CBP6324DNIR	650TVL, 2.8-10mm Lens, IR LED, ICR, 148(ø)x106mm
CVP9314DNIR	600TVL, 4mm Lens, IR LED, 148.35(ø)x105mm
CVP9324DNIR	650TVL, 2.8-10mm Lens, IR LED, ICR, 148.35(ø)x105mm

VANDAL RESISTANT WALL BRACKET

CVP-BRK	Wall bracket for use with all CVP dome cameras

Concept Pro